

Fast & Focus  
Search Report  
4/26/2006

EIC 2100

SN. 09/854,437

Set	Items	Description
S1	85376	(REQUEST??? OR ASK??? OR DETERMIN????? OR EVALUAT??? OR AS CERTAIN??? OR EXAMIN????? OR ANALYS??? OR ANALYZ??? OR CHECK ??? OR CHEQ??? OR DECID??? OR CONFIRM????? OR ESTABLISH???? ) (ION) (AUTHORIZ??? OR AUTHENTICAT??? OR AUTHORIS??? OR ALLOW? ??? OR PERMIT?
S2	1083022	ACCESS? ? OR ENTRY OR ACTIVAT??? OR ADMIT????? OR ENTER???
S3	1678877	RESOURCE? ? OR FILE? ? OR MODEM? ? OR PRINTER? ? OR TERMIN AL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR NODE? ?
S4	1607	S1(10N)S2(10N)S3
S5	2625994	LEVEL? ? OR DEGREE? ? OR STAGE? ? OR TIER? ? OR MODE? ?
S6	118	S4(100N)(SI(ION)S5(ION)S2(ION)S3)
S7	13496	(TRANSLAT??? OR TRANSFORM????? OR CONVERT??? OR CONVERS??? OR CORRELAT??? OR ASSOCIAT??? OR CONNECT??? OR MAP OR MAPPING OR MAPPED OR RELAT??? OR INTERRELAT???) (3N)REQUEST? ?
S8	837473	PERMIT??? OR PERMISS??? OR PRIVILEGE? ? OR RIGHT? ? OR RES TRITION? ? OR ENTITL?????
S9	486	S7(50N)S8
S10	47	S6 NOT (AD=(20000511:20030511) OR AD=(20030512:20060427))
S11	262	S9 NOT (S6 OR AD=(20000511:20030511) OR AD=(20030512:20060 427) )
S12	8	S11 AND S4

? show files

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
(c) 2006 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200627  
(c) 2006 Thomson Derwent

214944	REQUEST???
6464	ASK???
991400	DETERMIN?????
174431	EVALUAT???
11750	ASCERTAIN???
76598	EXAMIN??????
270574	ANALYS???
162186	ANALYZ???
271064	CHECK???
3053	CHEQ???
212237	DECID???
159645	CONFIRM?????
169696	ESTABLISH????
9283	AUTHORIZ???
36192	AUTHENTICAT???
9428	AUTHORIS???
1362020	ALLOW????
385803	PERMIT????
5984	GRANT???
11341	APPROV???
14683	PERMISS???
38396	VALID?????

S1  
OR DETERMIN???? OR EVALUAT???

85376 (REQUEST???

OR ASK???

ASCERTAIN???

OR EXAMIN?????

OR ANALYS???

OR ANALYZ???

OR

CHECK???

OR CHEQ???

OR DECID???

OR CONFIRM?????

OR

ESTABLISH????)

(10N)

(AUTHORIZ???

OR AUTHENTICAT???

OR

AUTHORIS???

OR ALLOW????

OR PERMIT????

OR GRANT???

OR

APPROV???

OR PERMISS???

OR VALID?????)

10/5/32

(Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011947854

\*\*Image available\*\*

WPI Acc No:

1998-364764/199832

XRFX Acc No: N98--284894

Method of *controlling degree* of access to operating system resource for software program on computer - involves examining file associated with software program to determine degree of system-level access available to software program when software program is being executed by computer

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: BYRNE.S B; NAGARATNAM N

Number of Countries: 030 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	KindDate	Week
EP	853279	A2 19980715	EP 97310659	A 19971230	199832 B
JP	10254783	A 19980925	JP 9835321	A 19980109	199849
CN	11944'11	A 19980930	CN 98100223	A 19980109	199907
KR	98070410	A 19981026	KR 98332	A 19980109	199953
TW	368635	A 19990901	TW 98100158	A 19980107	200034
US	6317742	B1 20011113	US 97780823	A 19970109	200173
SG	85092	A1 20011219	SG 974729	A 19971230	200214

Priority Applications (No Type Date): US 97780823 A 19970109

Cited Patents: No-SR.Pub

Patent Details:

Patent No Kind Lan Pg

Main IPC

Filing Notes

EP 853279

A2 E 21 G06F-009/46

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT LU LV MC MK NL PT RO SE SI

JP	10254783	A	63	G06F-012/14
CN	1194411A		G06F-017/00	
KR	98070410	A		G06F-015/16
TW	368635	A	G06F-009/06	
US	6317742B1		G06F-017/30	
SG	85092	A1	G06F-009/46	

Abstract (Basic): EP 853279 A

The method involves defining a degree of access to the operating system resources for the software program. A file associated with the software program is examined to determine the degree of system-level access available to the software program when the software program is being executed by the computer. The software program. is executed on the computer and a program instruction associated is intercepted with the software program when the software program is being executed on the computer. If the program instruction includes an operation that is outside the **degree of system- level** **access** available to the software program is determined. The program instruction is executed when it is **determined** that the software program has **permission** to **access system- level** **resources** associated with the computer that are within the **degree** of system- **levelaccess** available to the software program.

Dwg.1a/8 Title Terms: METHOD; CONTROL; DEGREE; ACCESS; OPERATE; SYSTEM; RESOURCE; SOFTWARE; PROGRAM; COMPUTER; FILE; ASSOCIATE; SOFTWARE; PROGRAM; DETERMINE; DEGREE; SYSTEM; LEVEL; ACCESS; AVAILABLE; SOFTWARE; PROGRAM; SOFTWARE; PROGRAM; EXECUTE; COMPUTER Derwent Class: T01 International Patent Class (Main): G06F-009/06; G06F-009/46; G06F-012/14;

G06F-015/16; G06F-017/00; G06F-017/30  
International Patent Class (Additional): G06F-009/445; G06F-013/00  
File Segment: EPI

Set	Items	Description
S1	13496	(TRANSLAT??? OR TRANSFORM????? OR CONVERT??? OR CONVERS???) OR CORRELAT??? OR ASSOCIAT??? OR CONNECT??? OR. MAP OR MAPPING OR MAPPED OR RELAT??? OR INTERRELAT???) (3N) REQUEST? ? S2 837473 PERMIT??? OR PERMISS??? OR PRIVILEGE? ? OR RIGHT? ? OR RES TRITION? ? OR ENTITL?????
S3	486	S1(50N)S2
S4	263	S3 NOT (AD=(20000511:20030511) OR AD=(20030512:20060427))
S5	1	S4 AND IC=(G06F-011/30)
S6	9	(S4 AND IC=(G06F-011?)) NOT S5
S7	21	AU=(LORTZ V? OR LORTZ, V?)
S8	6	S7 AND RESOURCE? ?
S9	5	(S4 AND IC=(H04L-009/00 OR H04L-029/06)) NOT S5:S8

show files

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
(c) 2006 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200627  
(c) 2006 Thomson Derwent

Set	Items	Description
S1	791413	(REQUEST??? OR ASK??? OR DETERMIN????? OR EVALUAT??? OR AS CERTAIN??? OR EXAMIN?????? OR ANALYS??? OR ANALYZ??? OR CHECK ??? OR CHEQ??? OR DECID??? OR CONFIRM????? OR ESTABLISH???? (ION)(AUTHORIZ??? OR AUTHENTICAT??? OR AUTHORIS??? OR ALLOW? ??? OR PERMIT?
S2	41'23173	ACCESS? ? OR ENTRY OR ACTIVAT??? OR ADMIT????? OR ENTER???
S3	3796080	RESOURCE? ? OR FILE? ? OR MODEM? ? OR PRINTER? ? OR TERMIN AL? ? OR WORKSTATION? ? OR WORKQSTATION? ? OR NODE? ?
S4	1319	S1(ION)S2(ION)S3
S5	17325669	LEVEL? ? OR DEGREE? ? OR STAGE? ? OR TIER? ? OR MODE? ?
S6	209	S4 (100N) (S1 (ION) S5 (ION) S2 (ION) S3)
S7	5942	(TRANSLAT??? OR TRANSFORM????? OR CONVERT??? OR CONVERS??? OR CORRELAT??? OR ASSOCIAT??? OR CONNECT??? OR MAP OR MAPPING OR MAPPED OR RELAT??? OR INTERRELAT????)(3N)REQUEST? ?
S8	4073375	PERMIT??? OR PERMISS??? OR PRIVILEGE? ? OR RIGHT? ? OR RES TRITION? ? OR ENTITL?????
S9	260	S7(50N)S8
S10	150	S6 AND (PY<2001 OR PD<20000511)
S11	123	RD (unique items)
S12	168	(S9 AND (PY<2001 OR PD<20000511)) NOT S10
S13	154	RD (unique items)
S14	6	S13 AND ACCESS???/TI
S15	1	(S13 AND SECURITY/TI) NOT S6
S16	24	AU=(LORTZ V? OR LORTZ, V?)
S17	24	S16 AND (PY<2001 OR PD<20000511)
? show files		
File	2:INSPEC1898-2006/Apr W3	
File	(c) 2006 Institution of Electrical Engineers	
File	6:NTIS 1964-2006/Apr W2	
File	(c) 2006 NTIS, Intl Cpyrght All Rights Res	
File	8:EI Compendex(R) 1970-2006/Apr W3	
File	(c) 2006 Elsevier Eng. Info. Inc.	
File	34:SciSearch(R) Cited Ref Sci 1990-2006/Apr W3	
File	(c) 2006 Inst for Sci Info	
File	35:Dissertation Abs Online 1861-2006/Mar	
File	(c) 2006 ProQuest Info&Learning	
File	56:Computer and Information Systems Abstracts 1966-2006/Apr	
File	(c) 2006 CSA.	
File	57:Electronics & Communications Abstracts 1966-2006/Apr	
File	(c) 2006 CSA.	
File	60:ANTE: Abstracts in New Tech & Engineer 1966-2006/Apr	
File	(c) 2006 CSA.	
File	65:Inside Conferences 1993-2006/Apr 27	
File	(c) 2006 BLDSC all rts. reserv.	
File	94:JICST-EPlus 1985-2006/Jan W5	
File	(c)2006 Japan Science and Tech Corp(JST)	
File	95:TEME-Technology & Management 1989-2006/Apr W4	
File	(c) 2006 FIZ TECHNIK	
File	99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar	
File	(c) 2006 The HW Wilson Co.	
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Apr 19		
File	(c) 2006 The Gale Group	
File 144:Pascal 1973-2006/Apr W1		
File	(c) 2006 INIST/CNRS	
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec		
File	(c) 1998 Inst for Sci Info	
File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 26		
File	(c) 2006 The Gale Group	

415423	REQUEST???	
488364	ASK???	
7066999	DETERMIN?????	
4881894	EVALUAT???	
103970	ASCERTAIN???	
4112640	EXAMIN??????	
11973225	ANALYS???	
2395151	ANALYZ???	
516595	CHECK???	6805 CHEQ???
441674	DECID???	
1499276	CONFIRM?????	
2126935	ESTABLISH????	
89869	AUTHORIZ???	
53412	AUTHENTICAT???	
16657	AUTHORIS???	
2946171	ALLOW????	
586575	PERMIT????	
290668	GRANT???	
556429	APPROV???	
286687	PERMISS???	
1168128		VALID?????

S1 791413 (REQUEST???

OR ASK???

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OR EVALUAT???

OR ASCERTAIN???

OR EXAMIN?????

OR ANALYS???

OR ANALYZ???

OR CHECK???

OR CHEQ???

OR DECID???

OR CONFIRM?????

OR ESTABLISH????)

(10N) (AUTHORIZ???

OR AUTHENTICAT???

OR AUTHORIS???

OR ALLOW????

OR PERMIT????

OR GRANT???

OR APPROV???

OR PERMISS???

OR VALID?????)



11/9/3 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

07175031 INSPEC Abstract Number: C1999-04-613oS-005

Title: File system security: secure network data sharing for NT and UNIX

Author(s): Allison, B.; Hawley, R.; Borr, A.; Muhlestein, M.; Hitz, D.

Conference Title: Proceedings of the Large Installation

System

Administration of Windows NT. Conference

p.17-26

Publisher: USENIX Assoc, Berkley, CA, USA

Publication Date: 1998

Country of Publication: USA 88 pp.

ISBN: 1 880446 96 0

Material Identity Number: XX-1998-02274

Conference Title: Proceedings of LISA NT: 2nd USENIX Large Installation Systems Administration of Windows NT

Conference Sponsor: USENIX Assoc

Conference Date: 5-8 Aug. 1998

Conference Location: Seattle, WA, USA

Language: English

Document Type: Conference Paper (PA)

Treatment: Practical

(P)

Abstract: Sharing network data between UNIX and NT systems is becoming increasingly important as NT moves into areas previously serviced entirely by UNIX. One difficulty in sharing data between UNIX and NT is that their file system security models are quite different. NT file servers use access control lists (ACLs) that allow permissions to be specified for an arbitrary number of users and groups, while UNIX NFS servers use traditional UNIX permissions that provide control only for owner, group, and other. This paper describes a merged model in which a single file system can contain both files with NT-style ACLs and files with UNIX-style permissions. For native file service requests (NFS requests to UNIX-style files and NT requests to NT-style files) the security model exactly matches a UNIX or NT file server. For non-native requests, heuristics allow a reasonable level of access without compromising the security guarantees of the native model. (5 Refs)

Subfile: C

Descriptors: authorisation; file servers; network operating systems; Unix identifiers: file system security models; secure network data sharing; NT UNIX; access control lists; file servers; permission; UNIX NFS servers; native file service requests; non-native requests; heuristics; security guarantees

Class Codes: C6130S (Data security); C6150J (Operating systems); C6150N (Distributed systems software); C5620 (Computer networks and techniques)

Copyright 1999, IEE

8/5/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015138957 \*\*Image available\*\*  
WPI Acc No: 2003-199483/200319  
XRPX Acc No: N03-158690

Resource authorization method for electronic business solutions,  
involves matching credentials of client with resource authentication  
parameters associated with resource node for determining authorized  
client

Patent Assignee: INTEL CORP (ITLC ); LORTZ V B (LORT-I)

Inventor: LORTZ V ;

LORTZ V B

Number of Countries:

101 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	KindDate	Week
US 20020169986	A1	20021114	US 2001854437	A	20010511
WO 200293872	A1	20021121	WO 2002US14775A		20020509
200319					
AU 2002344828	A1	20021125	AU 2002344828 A	20020509	200452
CN 1507732	A	20040623	CN 2002809587 A	20020509	200461
TW 223949	B1	20041111	TW 2002109792 A	20020510	200532

Priority Applications (No Type Date): US 2001854437 A 20010511

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020169986	A19	G06F-011/30		
WO 200293872	A1 E	H04L-029/06		
Designated States(National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MWMXNZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW				
Designated States(Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW				
AU 2002344828	A1H04L-029/06			Based on patent WO 200293872
CN 1507732	A	H04L-029/06		
TW 223949	B1	H04L-009/00		

Abstract (Basic): US 20020169986 A1

NOVELTY - A resource request including authorization credentials  
is transmitted from a client to a server. The resourcedata structure  
is searched for a resource node, based on a resource identifier  
mapped with the request. The credentials of the client are matched with  
resource authentication parameters associated with the node for  
determining the authorized client.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Resourceauthorization system; and  
(2) Article of manufacture comprising computer-readable medium storing resource authorization  
program.

USE - For authorizing information resources for electronic business solutions.

ADVANTAGE - Since the resource is accessed by authorized clients, the resource manufacturer use  
the authorization framework to enforce custom security restrictions.

DESCRIPTION OF DRAWING (S) - The figure shows the flowchart illustrating the resource request  
authorizing method.

pp; 9 DwgNo 3/5 Title Terms: RESOURCE ; AUTHORISE; METHOD; ELECTRONIC; BUSINESS; SOLUTION;  
MATCH; CLIENT; RESOURCE ; AUTHENTICITY; PARAMETER; ASSOCIATE; RESOURCE

NODE; DETERMINE; AUTHORISE; CLIENT

Derwent Class: TO1

International Patent Class (Main): G06F-011/30; H04L-009/00; H04L-029/06

File Segment: EPI